

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shunichi SATO

Reissue Application No.: 10/603,418

Date Filed: June 24, 2003

Patent No.: 5,904,549

Issued: May 18, 1999

For: RESIN EJECTION NOZZLE, RESIN ENCAPSULATION METHOD, AND
ELECTRONIC PART ASSEMBLY

Processing Division's Customer Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

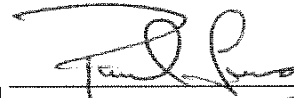
It is respectfully requested that the official Filing Receipt be amended to read that the name of the inventor is Shunichi Sato .

Attached hereto as **Exhibit A** is a copy of the official Filing Receipt dated June 28, 2004 issued by the Patent Office in connection with this application. The June 28, 2004 Filing Receipt erroneously indicates the name of the inventor as Sunichi Sato.

Attached hereto as **Exhibits B** and **C** are a copy of (i) the cover page of U.S. Patent No. 5,904,549, and (ii) the Reissue Application Declaration By The Inventor filed on October 26, 2009. **Exhibits B** and **C** correctly indicate the name of the inventor as Shunichi Sato.

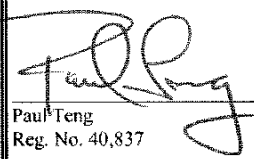
Applicant hereby requests the Patent Office to issue a corrected filing receipt to correct the aforementioned Patent Office mistake.

Respectfully submitted,



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This correspondence is being filed electronically with the U.S. Patent and Trademark Office via EFS-Web.



Paul Teng
Reg. No. 40,837

July 19, 2010

Date

Exhibit A

Application 10/603,418

Request for Corrected Filing Receipt

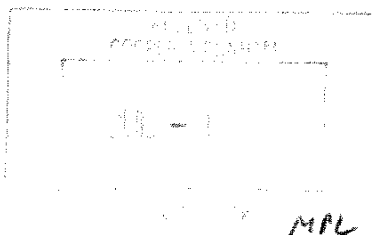


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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/603,418	06/24/2003	2813	1980	2271/53467-A1	7	38	17

23432
 COOPER & DUNHAM, LLP
 1185 AVENUE OF THE AMERICAS
 NEW YORK, NY 10036



CONFIRMATION NO. 9699

UPDATED FILING RECEIPT



OC000000013088989

Date Mailed: 06/28/2004

Receipt is acknowledged of this reissue Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Sunichi Sato, Miyagi-ken, JAPAN;

Domestic Priority data as claimed by applicant

This application is a CON of 09/860,369 05/17/2001
 which is a REI of 08/834,959 04/07/1997 PAT 5,904,549

Foreign Applications

JAPAN 08114177 04/11/1996

If Required, Foreign Filing License Granted: 02/25/2004

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Methods for growing semiconductors and devices thereof from the alloy semiconductor gainnas

Preliminary Class

438

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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Exhibit B

Application 10/603,418

Request for Corrected Filing Receipt

United States Patent [19]

Sato

[11] **Patent Number:** **5,904,549**
 [45] **Date of Patent:** **May 18, 1999**

[54] **METHODS FOR GROWING
SEMICONDUCTORS AND DEVICES
THEREOF FROM THE ALLOY
SEMICONDUCTOR GAINNAS**

[75] Inventor: **Shunichi Sato**, Miyagi-ken, Japan

[73] Assignee: **Ricoh Company, Ltd.**, Tokyo, Japan

[21] Appl. No.: **08/834,959**

[22] Filed: **Apr. 7, 1997**

[30] **Foreign Application Priority Data**

Apr. 11, 1996 [JP] Japan 8-114177

[51] Int. Cl.⁶ **H01L 21/30**

[52] U.S. Cl. **438/478; 438/46**

[58] Field of Search 438/478, 45, 46,
438/47

[56] **References Cited
PUBLICATIONS**

M. Kondow et al., "GaInNAs: a novel material for long-wavelength semiconductor lasers", IEEE Journal of Selected Topics in Quantum Electronics, vol. 3, No. 3, pp. 719-730, Jun. 1997.

Primary Examiner—Chandra Chaudhari
Assistant Examiner—Keith Christianson
Attorney, Agent, or Firm—Cooper & Dunham LLP

[57] **ABSTRACT**

A method is disclosed for growing a nitrogen-containing III-V alloy semiconductor on a semiconductor substrate such as GaAs, which is formed by MOCVD method using nitrogen containing organic compounds having relatively low dissociation temperatures. The alloy semiconductor has a high nitrogen content which exceeds the contents previously achieved, and has a high photoluminescence intensity.

There are also disclosed fabrications of semiconductor devices comprising the alloy semiconductors, such as heterostructure and homo-junction light emitting devices.

21 Claims, 7 Drawing Sheets

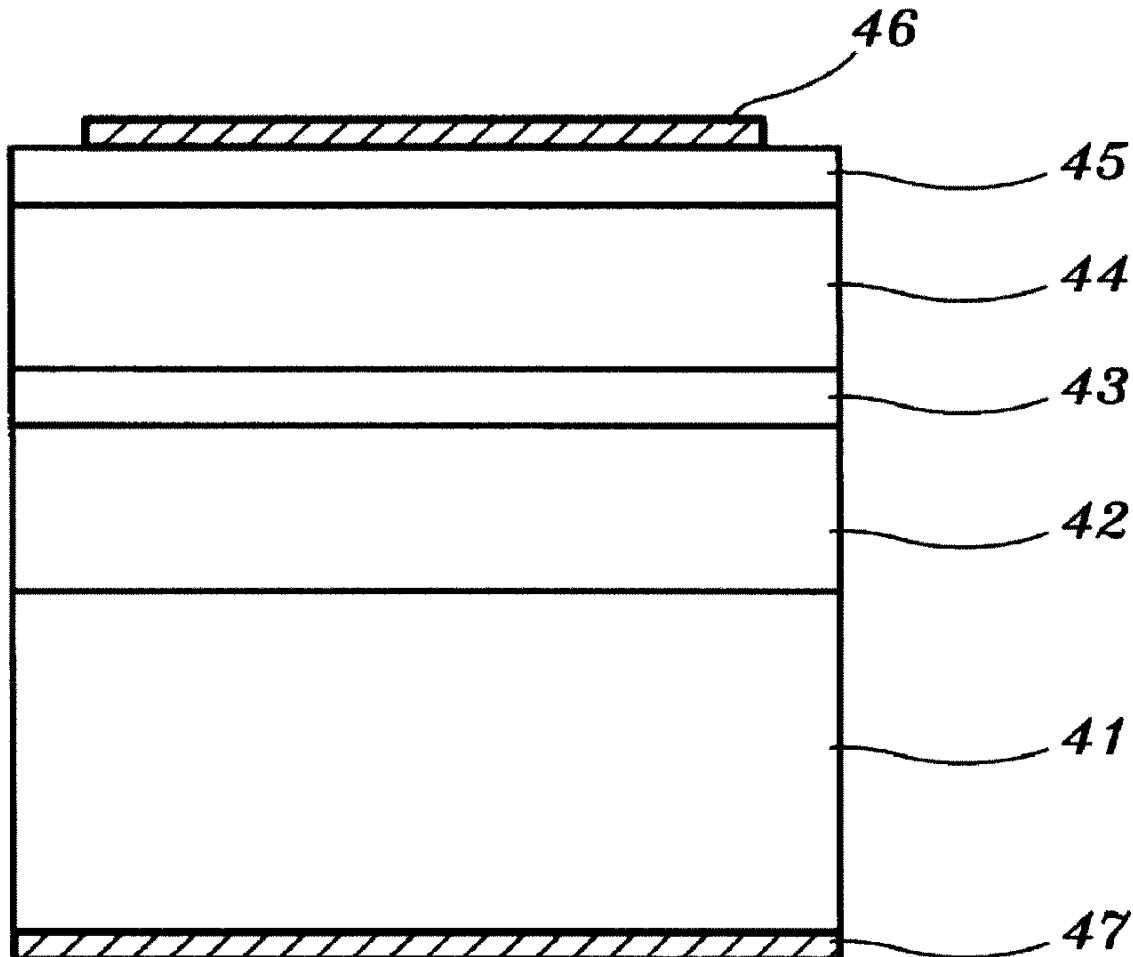


Exhibit C

Application 10/603,418

Request for Corrected Filing Receipt

REISSUE APPLICATION DECLARATION BY THE INVENTOR		Docket Number (Optional) 2271/53467-A1
<p>I hereby declare that: Each inventor's residence, mailing address and citizenship are stated below next to their name. I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number <u>5,904,549</u>, granted <u>May 18, 1999</u>, and for which a reissue patent is sought on the invention entitled <u>Methods For Growing Semiconductors And Devices Thereof From The Alloy Semiconductor GaInNAs</u>, the specification of which</p> <p><input type="checkbox"/> is attached hereto. <input checked="" type="checkbox"/> was filed on <u>June 24, 2003</u> as reissue application number <u>10/603,418</u> and was amended on _____ (If applicable)</p> <p>I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p><input checked="" type="checkbox"/> I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawing. <input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent. <input type="checkbox"/> by reason of other errors.</p> <p>At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:</p> <p>The patent claims do not recite that the nitrogen containing organic compound is selected from a group that includes monomethylhydrazine.</p>		

(Page 1 of 2) [3]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) 2271/53467-A1	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.			
Note: To appoint a power of attorney, use form PTO/SB/81.			
Correspondence Address: Direct all communications about the application to:			
<input checked="" type="checkbox"/> The address associated with Customer Number:		23432	
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<input type="checkbox"/> Firm or Individual Name	COOPER & DUNHAM LLP		
Address	30 Rockefeller Plaza, 20th Floor		
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of sole or first inventor (given name, family name) Shunichi SATO			
Inventor's signature <i>Shunichi Sato</i>		Date October 9, 2009	
Residence MIYAGI-KEN, JAPAN		Citizenship JAPAN	
Mailing Address Ricoh Company, Ltd., 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, JAPAN			
Full name of second joint inventor (given name, family name)			
Inventor's signature		Date	
Residence		Citizenship	
Mailing Address			
<input type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.			

2271/53467-A4

[illegible]

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